

ABSTRACT OF THE DISCLOSURE

5 A coordinate input apparatus comprising: a
designation device having a light emission device for
designating a three-dimensional position; and a
photoreception unit having a plurality of line sensors
for receiving light emitted by the light emission device
and determining the three-dimensional position of the
light emission device. Based on the determined value
10 obtained by the photoreception unit, three-dimensional
coordinates of the position of the designation device
are calculated by a microcomputer.

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